Packet-Radio Digest   Tue, 26 Jan 93   Volume 93 : Issue   24

Today's Topics:
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                        Digicom Soft C64
                   DRSI driver and PCPA card
               Ftp site for amiganos ?! (3 msgs)
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                     TheNET X1-H problems
                   Tracking the Digital Fox?
                West End Amateur Group USENET Access

Date: 25 Jan 93 12:29:27 GMT
From: ogicse!mintaka.lcs.mit.edu!ai-lab!silver.lcs.mit.edu!johnp@network.UCSD.EDU

Subject: Address for ANLI Antennas My Rubber Ducky segment broke on the Al-800
To: packet-radio@ucsd.edu

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johnp@silver.lcs.mit.edu | Its not impossible, just improbable
johnp@pro.angmar.uucp | (Zaphod Beeblbrox)
bl298@cleveland.freenet.edu | N1NIG@amsat.org (Being a Ham is so grand)

Date: 26 Jan 93 03:59:41 GMT
From: pa.dec.com!engage.pko.dec.com!nntpd.lkg.dec.com!sousa.tay.dec.com!
bobseg.enet.dec.com!segrest@decwrl.dec.com
Subject: AEA PKT-1 tnc ???
To: packet-radio@ucsd.edu

Greetings,

A fellow ham just dug an AEA PKT-1 tnc out of his used equipment box and asked
if it will get him up and on the air with our local bbs. Can anyone tell me
about this tnc? I would like to know if it will do KISS mode operations and or
if it is TAPR TNC-2 compatible.

Anyone familiar with this beast?

--
Bob Segrest
segrest@bobseg.enet.dec.com

Date: Sun, 24 Jan 93 23:14:31 NZST
From: waikato.ac.nz!aukuni.ac.nz!nacjack!codewks!carl@decwrl.dec.com
Subject: Digicom Soft C64
To: packet-radio@ucsd.edu

Hi

Are there any Amateur Radio operators in NZ that could tell me where I
might be able to get DIGICOM software for my C64?
Please E-Mail me..... Thanks

    >> ZL1UWV << I hang out on 146.70 AKL.

--
carl@codewks.nacjack.gen.nz (Carl Trommel)
The BBS Works -- +64 9 630 7739 NZL   New Zealand's Oldest BBS

Date: 25 Jan 93 15:55:30 GMT
From: news-mail-gateway@ucsd.edu
Subject: DRSI driver and PCPA card
To: packet-radio@ucsd.edu

Hello,

I am not sure this is the right mailing list to send my question to.
If not i am very sorry.

I am searching for some information about the DRSI driver and the
PCPA card. Can someone help me to get these information:
     1- What are the features of such a card.
     2- Compared to others, What are its advantages
     3- What other equipments should i get to have communication
        over packet radio
     4- Is there an email address of the manufacturer of this
         card and those of others (if any).

Any help will be greatly apreciated.
thank you
khaled.

Date: Sat, 23 Jan 1993 23:23:20 GMT
From: mcsun!sunic!kth.se!lysator.liu.se!pme@uunet.uu.net
Subject: Ftp site for amiganos ?!
To: packet-radio@ucsd.edu

Where do I find a amiga NOS version for ftp ? There must be
some one who have it. archie chould not find it for me!

Date: Sun, 24 Jan 1993 04:25:29 GMT
From: concert!gatech!usenet.ins.cwru.edu!axa12-slip.DIALIN.CWRU.Edu!
ashok@decwrl.dec.com
Subject: Ftp site for amiganos ?!
To: packet-radio@ucsd.edu

In article <C1ByAx.HsD@lysator.liu.se> pme@lysator.liu.se (Peter Enderborg)
writes:

>Where do I find a amiga NOS version for ftp ? There must be

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>some one who have it. archie chould not find it for me!

Check out "ftp.ucsd.edu" and it's mirrors (such as cs.uwp.edu).
The directory hamradio/packet/tcpip/amiga has Amiga NOS in it.

Ashok
-----------------------------------------------------------------------------
                                Ashok Aiyar
                          Department of Biochemistry
                           CWRU School of Medicine
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Date: 24 Jan 93 02:06:13 GMT
From: newsstand.cit.cornell.edu!newsstand.cit.cornell.edu!usenet@uunet.uu.net
Subject: Ftp site for amiganos ?!
To: packet-radio@ucsd.edu

In article <C1ByAx.HsD@lysator.liu.se> pme@lysator.liu.se (Peter Enderborg)
writes:
> Where do I find a amiga NOS version for ftp ? There must be
> some one who have it. archie chould not find it for me!
>

   Look in wuarchive.wustl.edu (/pub/amiga/comms, I think)

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   O#####################################################################^V
   |  Eric L. Beyer                           President                #
   |  Resident Advisor      elb1@cornell.edu   Solaris Development Group #
   |  Mary Donlon Hall                         C= certified developers   #
   |  Cornell University  IRC: Zoma (#amiga)   A500 user                #
   -------------------------------------------------------------------------->


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Date: 24 Jan 93 20:40:25 GMT
From: ogicse!emory!swrinde!gatech!kd4nc!dug@network.UCSD.EDU
Subject: High Speed Backbones?
To: packet-radio@ucsd.edu

<PJC130@psuvm.psu.edu> writes:

>We are looking to install a backbone system around the SW Pa area.  What
>I've seen of the TexNet system is OK, but we would like to go > 9600 for the
>backbone.  (19200 is OK, 56K is preferred).
                 ^^^^
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Paul, I certainly agree.. especially on the 56K idea...
it's enough trouble to build
networks without taking baby steps... If I could buy
1.5 MBS systems and make them work over the distances that
we have to here in the foothills of N. Ga.. I would buy
them... as it is, we have 56KB, so we use it...

>One of the ideas that we have is that each point to point link is on its own
>channel (multiple transceivers), another is that there is only one
>transmitter per site, but multiple receivers. In either case, we certainly
>need more than two ports per node.

Technically, I agree with the second approach..
we probably should make the 56K modems
available as receive or transmit only kits... it's designed
that way, we have never advertised a price.. it causes certain
problems in stocking, etc... but it's certainly "do-able"...

Back in 87 or so when we were planning out the GRAPES network.. I proposed
essentially what you have proposed.. I was "yelled down" by the rest
of the networking committee suggesting that my solution was too
expensive (both in time and money).. they wanted to go simplex initially...

I have to admit that looking back now in 1993, I must agree with them....
we have progressed... but it was hard enough to accomplish
even with this simplest of implementations . But we have participation
from Augusta, Ga Across N. Ga to Alabama and into Tennessee.. most of
it is up and running at 56K.. It's been a hard road... but every step
we've taken has been to make whatever we do permanent..., supported by a
group...

I still believe "HEXNET" (or single transmitter at each site and
multiple receivers, one for each transmitter in range) is the
correct technical solution. Practically, I believe that it would
have held us back .. also, it's not impossible to migrate to
the "HEXNET" (I think that's what someone was calling it a few years
ago) concept from Simplex... you just have to make up your own mind
what you want:...

1) shortest implementation plan with lowest risk
     that you will not get it implemented before patience runs out

or

2) Best technical solution (or if you can't do it the best way, don't start...)

>As ease of use (user transparency) is very important, a multiple NET/ROM or
>TheNet hookup is not acceptable.

interesting... I thought that many packeteers wanted a user interface
that hid the topology of the network from the users... (as well as
the capability to override it).. which the GRAPES network gives them...

>Any ideas?

Lay the groundwork for a simple to implement network.. then build on it...
stick to funding network nodes that are maintained by local groups... not
individuals (they burn out and leave you cut off)... Don't forget
that there are limits to propagation at the higher freqs... especially
in hilly country (like the foothills of N. Ga) and very limited allocations
for packet radio at the lower freqs... it's a tradeoff all the way...

If you are trying to build a temporary network for play... you can get
away with a lot more focus on technology and "flash in the pan" type
of planning... if you wish for your network to last.. people are more important
than technology... Brian Kantor said it very well in his posting about
working together being tough for Hams... Hams work together well within
a local organization.. that's why there are so many repeaters... but
the linking between organizations requires cooperation over a long
distance.. THAT'S TOUGH!!!!!!

Publishing is important... Newsletters, etc are the lifeblood of an
organization... We've fallen down in that area.. it has hurt us...
If we didn't have funding (56k modem sales) we would have long since failed...
I believe that publishing can do a lot to offset lack of internal funding.
(wish we had a someone willing to do a newsletter).

Sorry for the soap box.. you touched a soft spot in my head... .. Packet Radio
Networking.

and.... we had a "KILLER" GRAPES networking committee meeting yesterday here
in Georgia...
16 networkers showed up from as far away as Augusta, Ga, Auburn, Alabama and
Nashville, Tenn... These were "hard core" do'ers, not users...

It was AWESOME!!!...

Hope to see some of you guys/gals at the ARRL National Convention this August
in Huntsville, Ala.. ALANET and GRAPES are cooperating to set up the
packet radio forums and demos... CU there...

Doug

>   **
>   **   Although the above address is OK,   **
>   ** my home address is paul@n3eop.pgh.pa.us **

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>             ************************************************
```
--
Doug Drye KD4NC

This is a repost... dang newsreader defaulted to local distribution again...

In <C15MoI.GMp@law7.DaytonOH.NCR.COM> jra@law7.DaytonOH.NCR.COM (John Ackermann)
writes:

>brian@ucsd.edu (Brian Kantor) writes:

>>Were I to do the San Diego Metro net over again, I'd put a single packet
>>9600 bps repeater up on a central location, and have all the outlying nodes
>>and services connect through it.

>This is what we're in Dayton with the 19.2 repeater. It provides the
>"backplane" for the other services to connect to. Rather than upgrade
>speed (for right now) our plans are to add a second repeater when the
>load is high enough to justify it -- we'll put users on one repeater
>and servers on the other.

>>Later, when there are more than two 9600 bps USER stations on the air in
>>town, we'd upgrade the repeater to 56kb.

The same approach is used here in Ottawa, except that we went directly to
56kb. Our full-duplex 56kb repeater has been on the air for more than 3
years now, and the 56kb network (currently with 7 nodes) has become the
backbonefor the area. We plan to multicouple a second high-speed repeater
in parallel with the original, sharing the rf equipment... but right now
the repeater handles the local traffic with ease. Some of the 56kb stations
provide network access on 2m to small "cells" around them, and some have
trunks to other areas (see my article in the '91 CNC for more details).

Using fdx repeaters for linking as well as user LANs should be given serious
consideration. Take a hypothetical situation where you want to link 3
network nodes that can't hear each other. You could a find a suitable site
with good paths to the 3 nodes and put up a 3-port packet switch, with
hdx or fdx point-to-point links to each node. This is an expensive
proposition, with lots of equipment to maintain at a site that may not be
readily accessible. If a 4th node comes along which is hidden from the
others and needs to be linked, things get very messy. Now consider putting

a repeater on the site instead... now the equipment on the site is very
simple and easy to maintain. The equipment needed to link through the
repeater is likewise simple, and it is the same for each node. Adding
another node is a trivial proposition, and your expensive packet switch
hardware is mostly at home stations instead of up on the hill, so it is
easier to maintain. You're also using up less spectrum... of course, the
repeater has to support a data rate which can handle the combined traffic.
This isn't the answer when we want get trunks going at T1 rates and beyond,
but it *will* solve a lot of today's networking problems.

Barry VE3JF

--
Barry McLarnon | Internet: barry@dgbt.doc.ca
Communications Research Center | AMPRnet: barry@bbs.ve3jf.ampr.org
Ottawa, Canada K2H 8S2 | PBBSnet: ve3jf@ve3jf.#eon.on.can

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Barry McLarnon | Internet: barry@dgbt.doc.ca
Communications Research Center | AMPRnet: barry@bbs.ve3jf.ampr.org
Ottawa, Canada K2H 8S2 | PBBSnet: ve3jf@ve3jf.#eon.on.can

Date: 25 Jan 93 18:30:09 GMT
From: ogicse!emory!sol.ctr.columbia.edu!news.unomaha.edu!cwis.unomaha.edu!
rerickso@network.UCSD.EDU
Subject: Internet gateways:
To: packet-radio@ucsd.edu

Is there a listing somewhere on all of the current
Internet gateways?

Ron
AK0N

Date: 24 Jan 93 22:54:00 GMT
From: news-mail-gateway@ucsd.edu
Subject: IP Address Coordinator for Maine?
To: packet-radio@ucsd.edu

Could someone please tell me who the IP Address coordinator
for Maine is please? I have a friend who want to get active
in packet networking again, but am not sure who the coordinator
is. Thanks for any help. 73, Mark. aa2ma@marconi.eecs.usma.edu
--

Mark Morgida
Asst Professor, Dept EECS
US Military Academy
West Point, NY 10996

Date: 25 Jan 1993 19:33:13 GMT
From: ucsd.edu!brian@network.UCSD.EDU
Subject: IP Address Coordinator for Maine?
To: packet-radio@ucsd.edu

       AMPRNet IP address coordinators as of 15 December 1992

           Corrections and updates to brian@ucsd.edu.

Note: the people listed here have volunteered to issue IP addresses for
their areas. They are not paid to do this service; please understand that
they are perfectly at ease to deal with coordination responses at a
reasonably lower priority than the things that matter more, such as
job and family. Please be patient when requesting an address.

    44.002   Bob Meyer   K6RTV   Calif: Sacramento
    44.004   Douglas Thom   N6OYU   Calif: Silicon Valley - San Francisco
    44.006   Don Jacob   WB5EKU   Calif: Santa Barbara/Ventura
    44.008   Brian Kantor   WB6CYT   Calif: San Diego
    44.010   Terry Neal   AA6TN   Calif: Orange County
    44.012   Steven King   KD7RO   Eastern Washington,Idaho
    44.014   John Shalamskas   KJ9U Hawaii & Pacific Islands
    44.016   Jeff Angus   WA6FWI   Calif: Los Angeles - S F Valley
    44.017   Dana Myers   KK6JQ   Calif: Antelope Valley/Kern County
    44.018   Geoffrey Joy   KE6QH   Calif: San Bernardino & Riverside
    44.020   Fred Schneider   K0YUM   Colorado: Northeast
    44.022   John Stannard   KL7JL   Alaska
    44.024   Dennis Goodwin   KB7DZ   Washington state: Western (Puget Sound)
    44.026   Ron Henderson   WA7TAS   Oregon
    44.028   Don Adkins   KD5QN   Texas: North
    44.030   J Gary Bender   WS5N New Mexico
    44.032   Bdale Garbee   N3EUA   Colorado: Southeast
    44.034   Mark J. Bailey   N4XHX   Tennesee
    44.036   Doug Drye   KD4NC   Georgia
    44.038   Mike Abbott   N4QXV   South Carolina
    44.040   Jeff Jacobsen   WA7MBL   Utah
    44.042   Phil Akers   WA4DDE   Mississippi
    44.044   Bob Wilson   KA1XN   Massachusetts: western
    44.046   William Simmons   WB0ROT   Missouri
    44.048   Jacques Kubley   KA9FJS   Indiana
    44.050   Ron Breitwisch   KC0OX   Iowa

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44.052   Gary Grebus        K8LT New Hampshire
44.054   Ralph Stetson      KD1R Vermont
44.056   Don Hughes         KA1MF    Eastern&Central Mass
44.058   Rich Clemens       KB8AOB   West Virginia
44.060   Howard Leadmon      WB3FFV   Maryland
44.062   Jim DeArras        WA4ONG   Virginia
44.062   Jon Gefaell        KD4CQY   Virginia (Charlottesville Area)
44.064   Dave Trulli        NN2Z New Jersey: northern
44.065   Bob Applegate      WA2ZZX   New Jersey: southern
44.066   John DeGood        NU3E Delaware
44.068.1-32    Bob Foxworth      K2EUH    New York: NYC & Long Island
44.068.64+    Bob Bellini       N2IGU    New York: ENY
44.069   Paul Gerwitz       WA2WPI   New York: WNY
44.070   Gary Sanders       N8EMR    Ohio
44.072   Ken Stritzel       WA9AEK   Chicago - North Ill.
44.073   Chuck Henderson      WB9UUS   South/Central Ill.
44.074   James Curran       KA4OJN   North Carolina (east)
44.075   Charles Layno      WB4WOR   North Carolina (west)
44.076   Kurt Freiberger      WB5BBW   Texas: south
44.077   Rod Huckabay       KA5EJX   Texas: west
44.078   Joe Buswell        K5JB Oklahoma
44.080   Doug Crompton      WA3DSP   Pennsylvania: eastern
44.082   Steven Elwood      N7GXP    Montana
44.084   Bob Ludtke         K9MWM    Colorado: Western
44.086   Reid Fletcher      WB7CJO   Wyoming
44.088   Jon Bloom     KE3Z Connecticut
44.090   Mike Nickolaus       NF0N Nebraska
44.092   Pat Davis     KD9UU    Wisconsin, upper peninsula Michigan
44.094   Gary Sharp         WD0HEB   Minnesota
44.096   Don Bennett        K4NGC    District of Columbia
44.098   Bruce ??      WD4HIM   Florida
44.100   Richard Elling       KB4HB    Alabama
44.102   Jeff King     WB8WKA   Michigan (lower peninsula)
44.104   Charles Greene       W1CG Rhode Island
44.106   Tyler Barnett      N4TY Kentucky
44.108   James Dugal        N5KNX    Louisiana
44.110   Richard Duncan       WD5B Arkansas
44.112   Bob Hoffman        N3CVL    Pennsylvania: western
44.114   Steven Elwood      N7GXP    N&S Dakota
44.116   Tom Kloos     WS7S Oregon: NW&Portland,Vancouver WA
44.118   Jon Andrews        WA2YVL   Maine
44.120   unassigned
44.122   Dale Puckett       K0HYD    Kansas
44.124   David Dodell       WB7TPY   Arizona
44.125.0-126  Earl Petersen     KF7TI    Southern Nevada
44.125.128-254    Bill Healy        ?    Northern Nevada
44.126   Karl Wagner        KP4QG    Puerto Rico
#
```

```
# 44.128 is reserved for testing.  Do not use for operational networks.
# You may safely assume that any packets with 44.128 addresses are bogons
# unless you are using them for some sort of testing
#
44.128    TEST
#
# International subnet coordinators by country
#
44.129    Japan          JG1SLY    Tak Kushida, JH3XCU Joly Kanbayashi
44.130    Germany        DL4TA     Ralf D Kloth
44.131    United Kingdom  G6PWY     Chris Baron
44.132    Indonesia YB1BG     Robby Soebiakto
44.133    Spain          EA4DQX    Jose Antonio Garcia.  Madrid. (EA4DQX @ EA4DQX)
44.134    Italy          I2KFX
44.135    Canada         VE3GYQ    David Toth
44.136    Australia VK2ZXQ    John Tanner
44.137    Holland        PA0GRI    Gerard Van Der Grinten
44.138    Israel         4X1GP     Peleg Lapid
44.139    Finland        OH1MQK    Matti Aarnio
44.140    Sweden         SM0IES    Lennart
44.141    Norway         LA4JL     Per Eotang
44.142    Switzerland    HB9CAT    Marco Zollinger
44.143    Austria        OE1KDA    Krzysztof Dabrowski
44.144    Belgium        ON7LE
44.145    Denmark        OZ1EUI
44.146    Phillipines    DU1UJ     Eddie Manolo
44.147    New Zealand
44.148    Ecuador        HC5K Ted
44.149    Hong Kong VS6EL
44.150    Slovenija S53FK     Iztok Saje
44.151    France         FC1BQP    Pierre-Francois Monet
44.152    Venezuela OA4KO/YV5 Luis Suarez
44.153    Argentina LU7ABF    Pedro Converso
44.154    Greece         SV1UY     Demetre Valaris
44.155    Ireland        EI9GL     Paul Healy
44.156    Hungary        HA5DI     Bela Markus
44.157    Chile          CE6EZB    Raul Burgos
44.158    Portugal CT1DIA    Artur Gomes
44.159    Thailand HS1JC     Kunchit Charmaraman
44.160    South Africa  ZS6BHD    John
44.161    Luxembourg     LX1YZ     Erny Tontlinger
44.162    Cyprus         5B4TX     C. Costis
44.163    Central America    TI3DJT    Chuck Hast
44.164    Surinam        PZ2AC     Otto Morroy
44.165    Poland         SP5WCA    Andrzej K. Brandt
44.166    Korea          HL9TG     Gary ?
44.167    India          VU2LBW    Lakshman ("Lucky") Bijanki
44.168    Taiwan         BV5AF     Bolon
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44.169   Nigeria        5N0OBA    Kunle
44.170   Croatia        ??   Sinisa Novosel
44.171   Serbia         (nobody volunteered yet)
44.172   Sri Lanka 4S7EF      Ekendra
44.173   Mexico         XE????   (no one has volunteered yet)
44.174   Brazil         PP5AQ     Luiz F. Catalan
44.175   Cuba      CO2JA     Jose Amador

44.193   Outer Space-AMSAT  W3IWI        Tom Clark
```

Date: 25 Jan 93 14:55:25 GMT
From: news-mail-gateway@ucsd.edu
Subject: mfj1270b & alinco 580
To: packet-radio@ucsd.edu

i recently bought an mfr1270b for packet. when i got it out of the box and
turned it on i found it was generating a very strong signal at 144.979 Mhz.
in fact it is strong enough that my son could send me signals with about 50
feet seperating the 1270b and my ht. is this normal or do i need to send it
back :(

as a side note has anyone connected a dj580 and an mfj1270 together.
specifically what value of resistor do i need to activate the ptt line.

73

        the views expressed here are the author's

C. Harper   harper@huntsville.sparta.com
KD4QIO
SPARTA Inc   (205) 837-5282 x1216 voicemail
4901 Corporate Drive   (205) 830-0287   FAX
Huntsville AL 35805
"we have met the enemy and he is us." w. kelly

Date: 24 Jan 93 21:33:40 GMT
From: newsstand.cit.cornell.edu!newsstand.cit.cornell.edu!usenet@uunet.uu.net
Subject: morse code software
To: packet-radio@ucsd.edu

  I'm looking for a morse code tutorial program for the Amiga - something
freeware. Currently, the only such programs I have been able to find are
morse1.2.lzh, which is cripple-ware and some AmigaBASIC programs from 1988.

Any help would be appreciated.

--
```
  O##########################################################################^V
   | Eric L. Beyer                            President                 #
   | Resident Advisor    elb1@cornell.edu     Solaris Development Group  #
   | Mary Donlon Hall                         C= certified developers    #
   | Cornell University  IRC: Zoma (#amiga)   A500 user                  #
   ----------------------------------------------------------------------->
```

Date: Sat, 23 Jan 1993 21:33:37 GMT
From: gumby!destroyer!fmsrl7!lynx.unm.edu!umn.edu!csus.edu!netcom.com!
wd6cmu@yale.arpa
Subject: Need DCD state machine data
To: packet-radio@ucsd.edu

I need someone to email me or point me at a downloadable copy of the
contents of the state machine ROM in the N7CL "true" DCD circuit. (Yes,
I *know* it's in the 7th ARRL CNC Proceedings, I'm missing that volume.)
I have a DCD board that has stopped working and I suspect the EPROM has
dropped bits, but I can't verify that without the correct contents.
Thanks in advance.
--
Eric Williams   wd6cmu@netcom.com | Never attribute to malice that which
WD6CMU@WD6CMU.#NOCAL.CA.USA.NA | is adequately explained by stupidity.

Date: Sun, 24 Jan 1993 18:51:50 GMT
From: saimiri.primate.wisc.edu!zaphod.mps.ohio-state.edu!howland.reston.ans.net!
sol.ctr.columbia.edu!The-Star.honeywell.com!umn.edu!csus.edu!netcom.com!
dewayne@ames.arpa
Subject: New version of NET/Mac (PA2AGA Version) Available
To: packet-radio@ucsd.edu

        A new release of the PA2AGA version of NET/Mac, version 2.3.15
has recently been posted.   There have been some major new function
added to this release and the purpose of this notice is to explain
some of those enhancements.

o   New AppleTalk Driver Code

        The previous version of NET/Mac used a driver which supported
the AppleTalk (AT) Link Access Protocol (LAP). As a result, a user
was limited to being able to only establish sessions with other users

on the same AT network. The new release uses a Datagram Delivery
Protocol (DDP) driver which now supports establishing connnections
with all users in the same AT zone. All problems with checksum errors
that were a result of the old LAP-based code have been corrected.

o   Support of MacIP Protocol

        This release of NET/Mac supports the MacIP protocol. This
means that NET/Mac can now support AT gateway products such as the
Shiva FastPath and Cayman Gatorbox. As a result, NET/Mac can now pass
packets to an Ethernet IP network via any gateway product which
supports the MacIP protocol for encapsulating IP in AT DDP packets.
        NET/Mac can also now interoperate with Apple's MacTCP product.
This means that any Macintosh application which supports MacTCP, such
as NCSA TELNET can now talk to NET/Mac over an AT network. Please
note that NET/Mac and MacTCP can not run on the same machine at the
same time as there will be a conflict over the use of the MacIP
socket.

o   Support for the SLFP Protocol

        NET/Mac now supports the MIT Serial Line Framing Protocol
(SLFP) which is used at MIT and the Merit Computer Network. This
support has been available in NOS for sometime and as a result of user
requests it has been added to NET/Mac.

o   Support for the Buckmaster HamCall CD-ROM

        NET/Mac now supports the format used for the callsign database
provided on the Buckmaster HamCall CD-ROM. The callsign database
format used in previous versions is no longer supported. Anyone
interested in using the callsign database lookup support should
contact Buckmaster for information on obtaining their CD-ROM.

        This new release is available in the incoming directory of
ucsd.edu. It is also available at all SUMEX mirror sites and America
Online. Any support questions or comments should be directed to
myself or Adam van Gaalen PA2AGA at adam@IGG.TNO.NL.

Dewayne Hendricks, WA8DZP   ! CIS: 75210,10   AppleLink: D6547
Tetherless Access Ltd.   ! Packet Radio: WA8DZP @ K3MC.#NOCAL.CA.US
43730 Vista Del Mar   ! AOL: HENDRICKS
Fremont, CA 94539-6250   ! Internet: dewayne@netcom.com

```
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Fremont, CA 94539-6250            ! Internet: dewayne@netcom.com


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Date: 25 Jan 1993 12:10:19 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!spool.mu.edu!yale.edu!ira.uka.de!
news.belwue.de!news.uni-stuttgart.de!ifsws1.sozialforschung.uni-stuttgart.de!
gross@network.UCSD.EDU
Subject: PacketCluster + Contest FTP
To: packet-radio@ucsd.edu

ifsws1.sozialforschung.uni-stuttgart.de  141.58.162.1
======================================================

Hi, this site is in Stuttgart, Germany !

This is a FTP server for the Ham Radio community, especially to support
system operators of the PacketCluster software package.

NEW: /pub/contest   -  contesting software and utilities.

See /pub and directories below for downloadable stuff.

You can upload files You want to make accessable to the public to the
directory "/pub/uploads" - please leave an appropriate *.txt file describing
your upload.

There is also a mailing list forum for PacketCluster system operators:
to get more information, send an email to
listserv@ifsws1.sozialforschung.uni-stuttgart.de
with a message body of "HELP".



Please report problems and suggestions to

Frank Grossmann (DL1SBR)

gross@ifsws1.sozialforschung.uni-stuttgart.de

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Frank Grossmann (DL1SBR)
Internet: gross@ifsws1.sozialforschung.uni-stuttgart.de
```

Packet Radio: DL1SBR@DB0SDX.DEU.EU
Stuttgart University, institute for social research

Date: 24 Jan 93 07:18:44 GMT
From: ogicse!henson!news.u.washington.edu!serval!beta.tricity.wsu.edu!
boutwell@network.UCSD.EDU
Subject: Packet Radio USENET connection
To: packet-radio@ucsd.edu

Is there one available I have a friend that would like to be able to
connect to USENET via Packet Radio is this possible and could you please
give me some Locations to connect with to achive this at....

--
****
* Scott Boutwell   *   WSU Tri-Cities   *
* boutwell@beta.tricity.wsu.edu   *   *
* Member of SWAMI Users Group   *   Richland, Washington   *
****

Date: Mon, 25 Jan 1993 07:11:05 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!spool.mu.edu!darwin.sura.net!
haven.umd.edu!wam.umd.edu!tedwards@network.UCSD.EDU
Subject: phs PACSAT program where?
To: packet-radio@ucsd.edu

I have been using PB920224, but I have a problem. The
"dofile.bat" batch file which cleans up the messages
after they have been downloaded calls "phs." What is
phs? Where can I get a copy of it via ftp?

de N3HAU

Date: Mon, 25 Jan 1993 02:57:51 GMT
From: paladin.american.edu!darwin.sura.net!europa.asd.contel.com!rocky!do-not-
reply-to-path@uunet.uu.net
Subject: PL tones on San Diego packet??
To: packet-radio@ucsd.edu

My brother is contemplating becoming a ham and getting on packet where he
lives in San Diego, however he was somewhat concerned that they use pls
on the nodes and tcp/ip repeaters since he wants to buy a used 2m rig that

does not have tones. I am quite certain he has nothing to worry about but
wanted to check first before advising him to buy the radio. Also, are most
of the 2m voice repeaters in San Diego pl'd?

Thank you for your time,

     -Andrea, WS1C

Date: 26 Jan 1993 03:22:10 GMT
From: ucsd.edu!brian@network.UCSD.EDU
Subject: PL tones on San Diego packet??
To: packet-radio@ucsd.edu

It is ABSOLUTELY FALSE that nodes and packet repeaters use PL in San
Diego. As the person who built, installed, and maintains the packet
repeater and more than half of the nodes, I can assure you that they
do NOT use PL.
     - Brian

Date: Sun, 24 Jan 1993 23:04:32 GMT
From: think.com!sdd.hp.com!ux1.cso.uiuc.edu!news.cso.uiuc.edu!uxa.cso.uiuc.edu!
btbg1194@ames.arpa
Subject: ramsey kit/pmp
To: packet-radio@ucsd.edu

In article <9301222236.AA00274@yahtzee.cit.cornell.edu>
kfeeney@KLONDIKE.CIT.CORNELL.EDU writes:
>A couple of notes on Brad's comments on PMP and the Ramsey kit. I don't know
>what Ramsey has done concerning PMP as they never contacted us, but the modem
>is not terribly special. Andy is now handling PMP as he has graduated and moved
>east and mail forwarding from my address to his is subject to my travel schedule
>. You can contact him about PMP directly at payne@crl.dec.com about kit stuff.

>I'm not sure what Brad meant about the serial line problem on the PTT on his
>HT, PMP uses only the parallel port for PTT. D0 and D1 are used for TX data
>and PTT and the two input lines error and ack are used for carrier detect and
>RX data. We used the parallel port because it didnt' require the level shifting
>and simplified the modem and because the parallel port is almost always free on
>a laptop in the field.

Just to clear this up. The Ramsey kit is designed for connection to a PC
serial port using the Baycom software. I had problems with the PTT signal
in that configuration and used the *alternate* *parallel* port wiring for
use with Kevin's and Andy's PMP software.

```
>
>Hope that helps.
>
>Kevin Feeney - WB2EMS

73 de KB8CNE, Brad Banko
Urbana, IL
--
Brad Banko;  Dept of Physics;  U of Illinois;  b-banko@uiuc.edu
=======================================================================
Tatiana Gutsu for President!                    73 de kb8cne @ n9lnq.il


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Date: Sun, 24 Jan 1993 20:28:48 GMT
From: news.cerf.net!iat.holonet.net!bwilkins@network.UCSD.EDU
Subject: TCP/IP NOS Network
To: packet-radio@ucsd.edu

kirk@ecst.csuchico.edu (Paul White) writes:
: I would like to get into the NOS Tcp/Ip net,  does anyone know of a place
: I could connect via packet and talk about this around the Chico/Sacramento
: , California area?
:
: Thanx,
: 73 de KD6DZP

In northern california you will find tcp/ip stations operating on 145.75
there may be some tcp/ip activity in sacramento on 144.93. Some of the
nodes will accept ax.25 connections to get you started. Have fun.

--
Bob Wilkins     n6fri         voice 440.250+ 100pl san francisco bay area
bwilkins@holonet.net          packet n6fri @ w6pw.#nocal.ca.usa.na


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Date: 25 Jan 93 10:20:00 GMT
From: news-mail-gateway@ucsd.edu
Subject: TheNET X1-H problems
To: packet-radio@ucsd.edu

In early December, I inquired of the group about a problem with nodes
running TheNET X1H as follow:

1)  ARP and IP router functions either don't respond or respond with
```

packets that contain binary trash. PING to the router also fails.

2) Tests with X1G work correctly. All nodes involved in the test have
    parameters identical to those used with the X1H firmware when it
    failed.

Software used includes an 286 MSYS 1.13 node, a 386 and a Sun 4/75
running GRI 1.7j.

Jan Barglowski reported similar problems. Since the X1H firmware has
been released for a longer period of time now, I am wondering if anyone
else may have experienced similar problems. For that matter, has anyone
used X1H for an IP switch successfully?

Reid, WB7CJO
Fletcher@Moho.UWyo.Edu

Date: 25 Jan 93 10:07:13 EST
From: titan.ksc.nasa.gov!titan.ksc.nasa.gov!news@ames.arpa
Subject: Tracking the Digital Fox?
To: packet-radio@ucsd.edu

How difficult would it be to DF a packet station on 1) a clear channel with
only the fox transmitting, and 2) on a shared channel with multiple users?

This could be a new source of aggrevation for the fox hunting masochist!

--

Steve Schindler   Voice Systems Branch   NASA - Kennedy Space Center
internet: steve@vulture.ksc.nasa.gov
NASAmail: (site:smtpmail,id:<steve(a)vulture.ksc.nasa.gov>)

Date: 23 Jan 93 16:59:39 +1700
From: newsfeed.rice.edu!lub001.lamar.edu!lairdpg@beaver.cs.washington.edu
Subject: West End Amateur Group USENET Access
To: packet-radio@ucsd.edu

Amateur Radio Bulletin Board Info:

The HAM Connection (409)833-1795 HAYES 14.4K Baud
USENET/INTERNET/AT&T Mail/MCI Mail and WNET Conferences online.
Amateur Radio related files/mods/programs for those not fortunate enough

to have FTP access and those that do. First call download access.
This is offered as a free service to broaden the knowledge of Amateur Radio
and is Ham oriented although a variety of other files and interests are
made available. An alternative site for you to send USENET mail.
Sponsored by the West-End Amateur Group (WAG).

End of Packet-Radio Digest V93 #24
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